State of Utah

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Division of Facilities Construction and Management
DAVID G. BUXTON
Director

ADDENDUM NO. 1

Date: February 9, 2009

To: Contractors

From: Brian Bales, Project Manager, DFCM

Reference: Generator Upgrade – Larry H. Miller Campus
Salt Lake Community College
DFCM Project No. 08073660

Subject: **Addendum No. 1**

Pages	Addendum Cover Sheet	1 page
	Engineer's Addendum	6 pages
	Total	7 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

1.1 **SCHEDULE CHANGES:** No project schedule changes.

1.2 **GENERAL ITEMS:** Engineer's Addendum containing specification/drawing clarifications.

ADDENDUM NO. 1

Project: Buildings 5-9 Emergency Generator Improvements
Salt Lake Community College
Larry H. Miller Campus

DFCM Project No. 08073660

Project Engineer: Thomas & Kolkman Engineering Co. Inc.
64 West 1700 South
Salt Lake City, Utah 84115
Tele: (801) 484-8161 Fax: (801) 484-3538

Date: February 9, 2009

Number of Pages: 3

Incorporate the following clarifications and revisions in the specifications, drawings, and other contract documents of the above named project.

Unless described otherwise, all labor and materials for the work described herein shall be in accordance with the requirements of the original contract documents.

This addendum becomes a part of the Contract Documents and the cost of all items herein shall be included in the Contractor's Bid.

Contractors are instructed to acknowledge receipt of this addendum on the appropriate place of the Bid Form.

ADDENDUM ITEMS

1. Drawings - Sheet ES101:

    A. Existing manhole indicated between Buildings #6 and #7 is believed to be 4 ft x 4 ft x 4 ft concrete. The existing manhole cover is approximately 2" below grade.

        1) Provide new concrete grade rings for the manhole cover as required to bring the cover flush to existing grade. Provide all necessary excavation, backfill, and landscaping repair.

2. Drawings - Sheet E-101:

    A. Conduit stub-ups in Main Electrical Room indicated by Keyed Note 1 are located below Existing Panel ‘1E’, not below location of New ATS5. Extend conduits to new ‘ATS5'.

3. Drawings - Sheet E-104:

    A. Add Building 6 Banquet Rooms Emergency Lighting Control Diagram as shown on Attached Supplemental Electrical Drawing SE-1.

4. Drawing - Sheet E-105:

    A. Indicated scale and graphic scale of “Building 6 - Enlarged Electrical Plan” are incorrect. Correct Scale is 1/4" = 1'-0".

    B. Add weatherproof GFCI Duplex Receptacle near new Panel ‘EM’ on exterior wall of Building 6.

        1) Provide 3/4" conduit from receptacle exposed on building exterior to above existing ceiling on building interior, through exterior wall, and then concealed above existing ceilings to Panel ‘LCE’. Seal conduit penetration through exterior wall with non-shrink grout colored to match wall. Paint exposed conduit to match wall.

2) Provide new 1P-20A circuit breaker in existing Panel 'LCE', Building 6.

C. Add circuits for Generator Engine Block Heater and Battery Charger.

1) Provide new 4 #12, 1#12 Gnd, 3/4" conduit to existing Panel 'LCE' in Building 6.

a. Install conduit underground from Generator to new receptacle near New Panel 'EM'. Wiring may installed with receptacle circuit wiring to existing Panel 'LCE'.

2) Provide two new 1P-20A circuit breakers in existing Panel 'LCE', Building 6.

3) Verify required circuit ratings with generator manufacturer.

D. Existing 1" conduit stub-up for Generator Control is located below Existing Panel 'CE', not at New ATS6A location. Extend conduit to Remote Annunciator Panel and provide new conduit from the Remote Annunciator Panel to each new transfer switch for generator control wiring. See Supplemental Electrical Drawing SE-3 for clarification.

E. Revise location of new ATS6 in Building 6 Electrical Room as shown attached Supplemental Electrical Drawing SE-2, to coordinate with existing conditions.

5. Drawings - Sheet E-601:

A. Keyed Note 4: Building 6 Existing Panel 'MDPC' is Square D Type 'NF'. Provide new Square D Type 'EGB' Circuit Breaker to feed new 'ATS6'.

B. Keyed Note 8: Change Square D Type 'HJL' circuit breaker to Type 'HJA' for installation in existing Square D "I-Line" Panelboard.

C. Remove existing feeder conductors and conduit from Building 5 Existing Panel 'MDP' to Existing Panel '1E'.

D. Existing Panel '1E' Schedule, Building 5. Existing Panel is '1E' is Square Type 'NF'. Provide new Square D Type 'EDB, 3P-25A circuit breaker under Additive Alternate No. 1.

E. Existing Panel 'CE' Schedule, Building 6. Delete note at bottom of schedule referencing installation of new circuit breaker.

6. Drawings - Sheet E-602:

A. Add Generator Control Conduit Riser Diagram as shown on Attached Supplemental Electrical Drawing SE-3.

7. SUBMITTALS FOR PRIOR APPROVAL

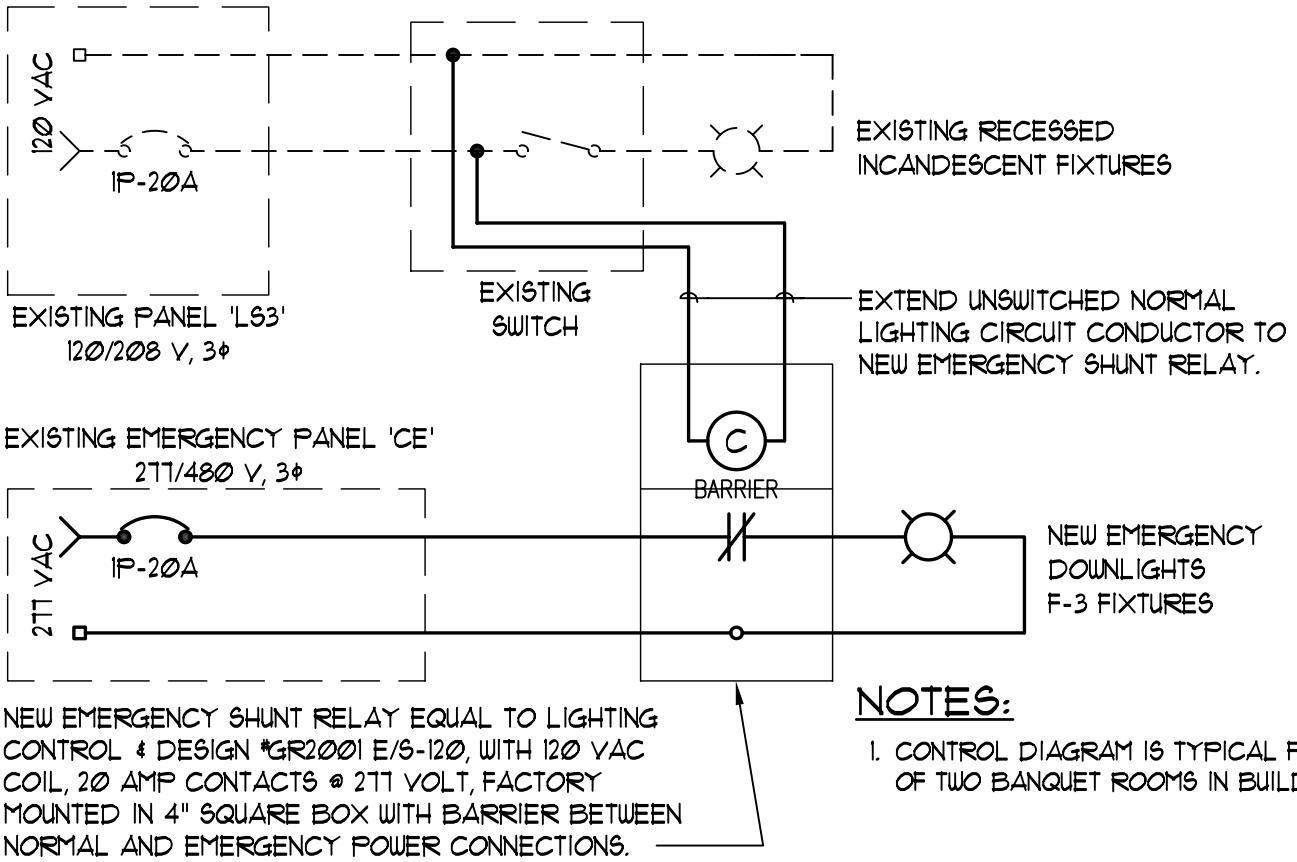
A. Listing herein of the following equipment submitted for prior approval indicates that the brand name and general characteristics are acceptable, but does not relieve the Contractor of the responsibility of providing equipment and accessories as specified in the Contract Documents unless specific mention of the departure was made in the submittal and acknowledged in writing by the Architect and/or Engineer.

ITEM	MANUFACTURER	CAT. NO.
Fixture F-1	LSI	HIWSD-3-100MH-F-277-PLP-PCI277-SQN
Fixture F-1A	LSI	HIWSD-3-100MH-F-277-PLP-SQN
Fixture F-2	DMF Lighting	DBW31-MH-100-QR-PC277-DT
Fixture F-4	HE Williams	MH60-100-ED17-MED-BH-QRS-EB-277

Exit Light EX-1	Lightguard	DXL-A-1-G-W
Exit Light EX-2	Lightguard	DXL-A-2-G-W
Exit Light EX-3	Lightguard	DXL-A-2-G-W-LC

ATTACHMENTS: Three 8-1/2" x 11" Drawings.

END OF ADDENDUM NO. 1



NEW EMERGENCY SHUNT RELAY EQUAL TO LIGHTING CONTROL # DESIGN #GR2001 E/S-120, WITH 120 VAC COIL, 20 AMP CONTACTS @ 277 VOLT, FACTORY MOUNTED IN 4" SQUARE BOX WITH BARRIER BETWEEN NORMAL AND EMERGENCY POWER CONNECTIONS.

NOTES:

1. CONTROL DIAGRAM IS TYPICAL FOR EACH OF TWO BANQUET ROOMS IN BUILDING 6.

BLDG 6 BANQUET ROOMS EMERGENCY LIGHTING CONTROL WIRING DIAGRAM

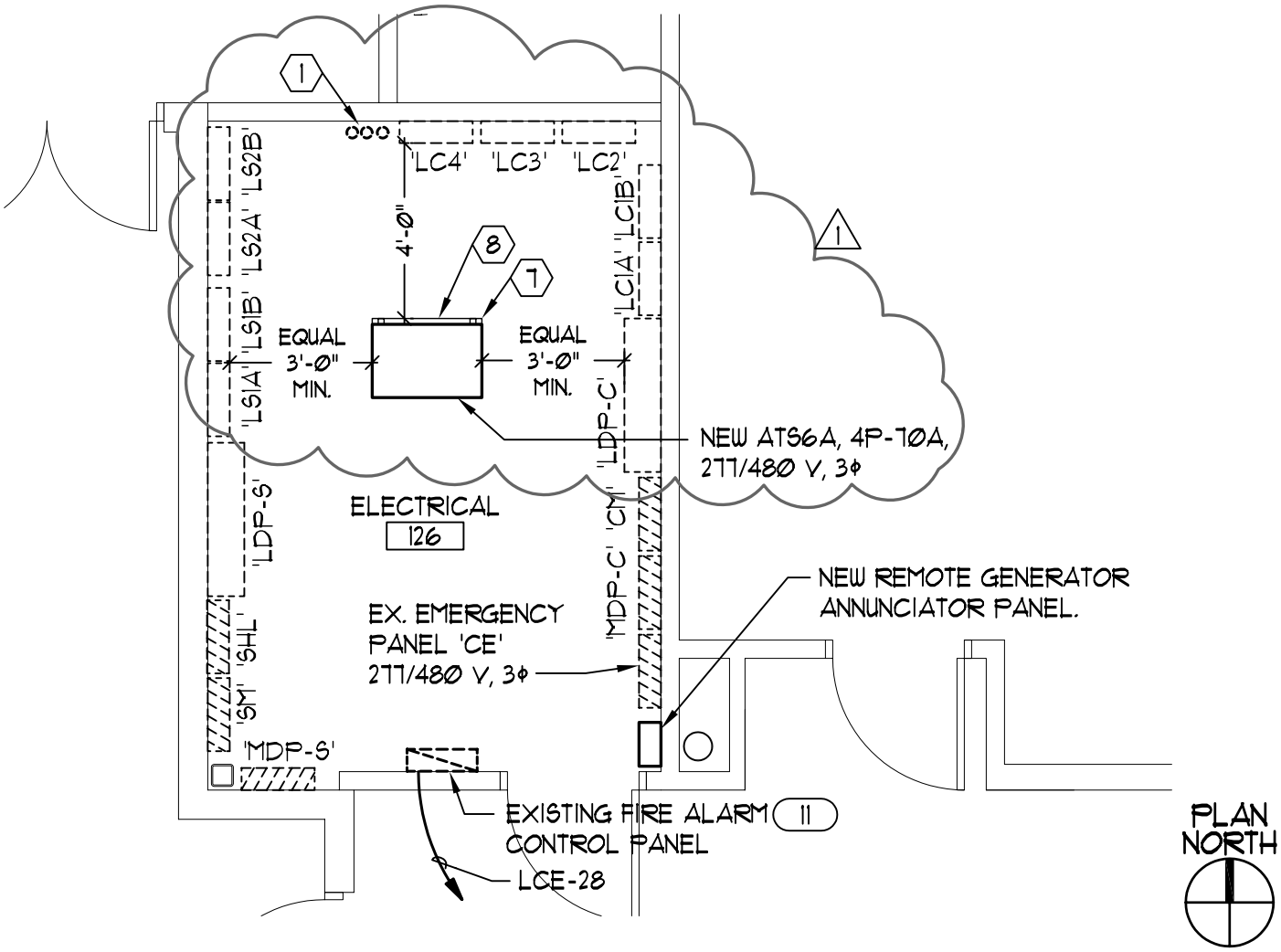
E3 SCHEMATIC

KEYED NOTES - BASE BID:

1 ⟨1⟩ EXTEND 2" CONDUIT STUB-UPS OVERHEAD TO NEW 'ATS6A' AND INSTALL NEW FEEDER CONDUCTORS AS SHOWN ON SINGLE LINE DIAGRAM, SHEET E-601.

1 ⟨7⟩ PROVIDE UNISTRUT P1001-B-PG, OR EQUAL HOT-DIP GALVANIZED DOUBLE 'C' CHANNEL SUPPORT, VERTICAL FROM FLOOR TO STRUCTURE ABOVE. SECURE TO FLOOR WITH UNISTRUT P2073-A BRACKET AND (4) 3/8" x 3" LAG BOLT WITH LEAD EXPANSION SHIELD. SECURE TO STRUCTURE WITH SUITABLE BEAM CLAMPS. BOTTOM OF STRUCTURE IS APPROXIMATELY 14 FEET ABOVE FINISHED FLOOR.

⟨8⟩ PROVIDE UNISTRUT P1000-PG, OR EQUAL HOT-DIP GALVANIZED 'C' CHANNEL SUPPORT, HORIZONTALLY AS REQUIRED TO SUPPORT NEW TRANSFER SWITCH AND CONDUITS.



BUILDING 6 - REVISED ELECTRICAL ROOM LAYOUT (REVISE SHEET E-105)

SCALE: 1/4" = 1'-0"

0 2' 4' 8'

BLDGS 5-9 EMERGENCY GENERATOR IMPROVEMENTS
SLCC LARRY H. MILLER CAMPUS
DFCM PROJECT NO. 08073660

SUPPLEMENTAL ELECTRICAL DRAWING
FEB. 9, 2009

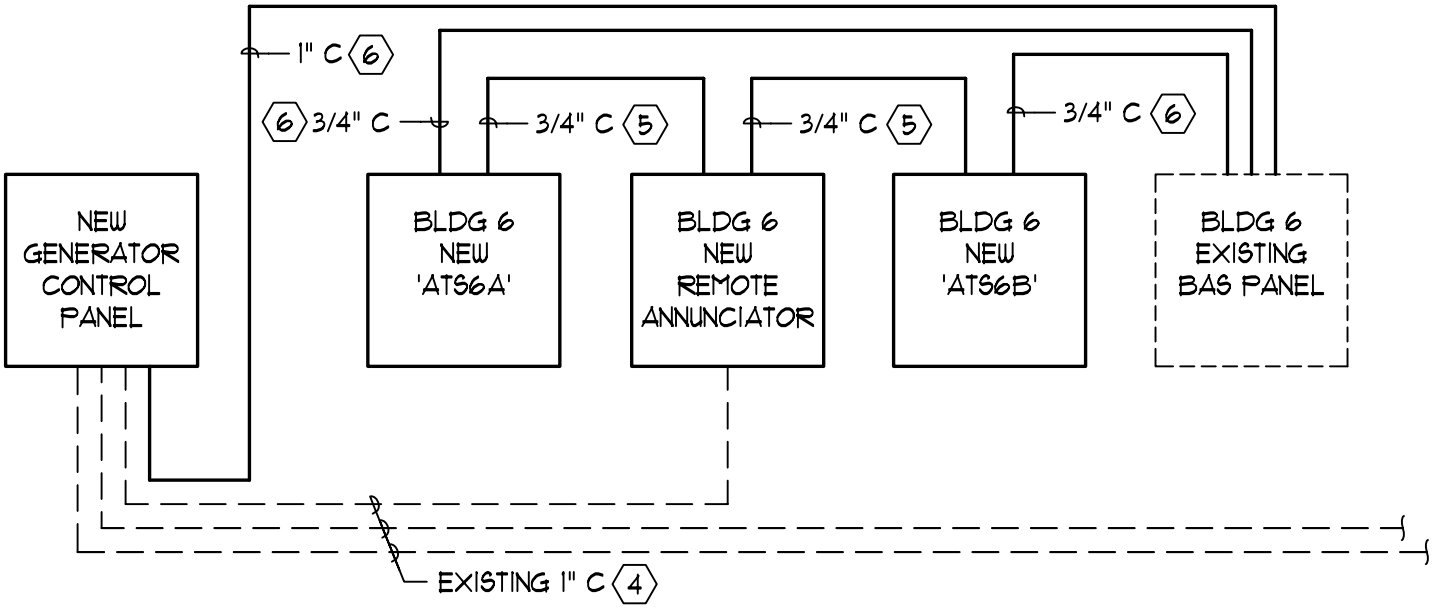
SE-2

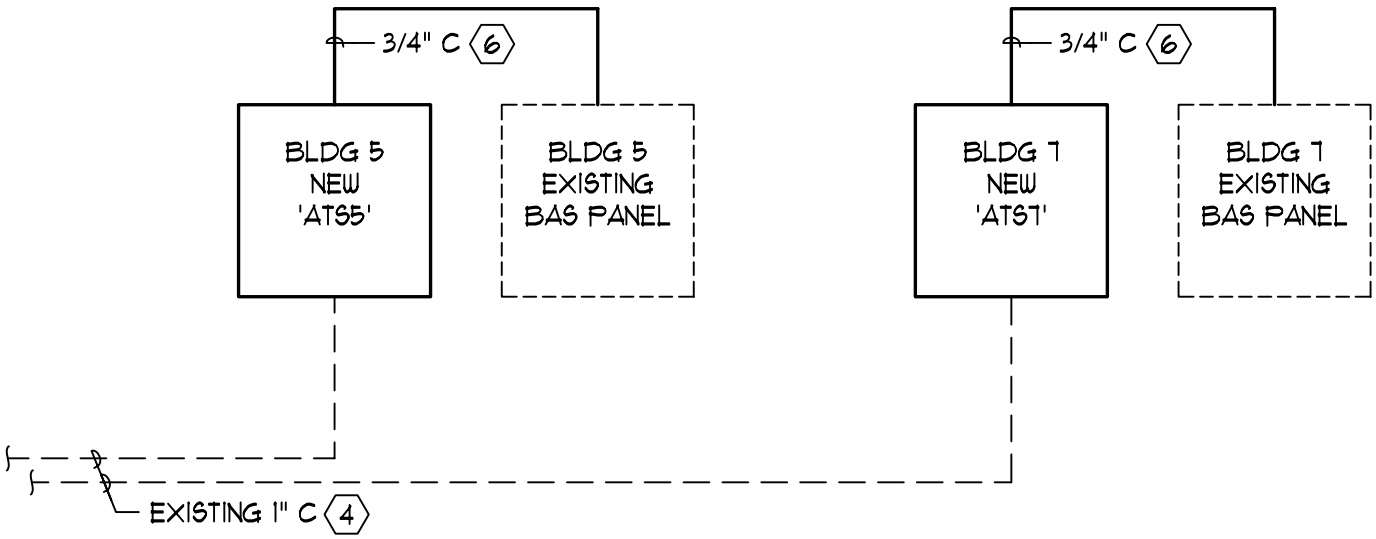
KEYED NOTES:

4. EXTEND EXISTING 1" UNDERGROUND CONDUITS TO NEW GENERATOR AND AUTOMATIC TRANSFER SWITCHES AS INDICATED. PROVIDE NEW CONTROL WIRING IN ACCORDANCE WITH GENERATOR MANUFACTURER'S REQUIREMENTS.

5. PROVIDE NEW CONDUIT WITH NEW CONTROL WIRING IN ACCORDANCE WITH GENERATOR MANUFACTURER'S REQUIREMENTS.

6. PROVIDE NEW CONDUIT TO EXISTING BUILDING AUTOMATION SYSTEM (BAS) CONTROL PANEL FOR OFF SITE MONITORING OF GENERATOR AND AUTOMATIC TRANSFER SWITCHES.





GENERATOR CONTROL RISER DIAGRAM

SCHEMATIC